Electronic Acknowledgement Receipt		
EFS ID:	EFS ID: 3440174	
Application Number:	10714900	
International Application Number:		
Confirmation Number:	3977	
Title of Invention:	Signal estimation methods and apparatus	
First Named Inventor/Applicant Name:	Christophe Andrieu	
Customer Number:	22850	
Filer:	Marvin Jay Spivak/Monika Gullatt	
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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
	-		004077		

Number	Document Description	File Name	/Message Digest	Part /.zip	(if appl.)
1		245458USam.pdf	394677	yes	14
_ '			845cddd05le5d1a2759557o684602c23 0ab57403		

	Multipart Description/PDF files in .zip description				
	Document Description	Start	End		
	Miscellaneous Incoming Letter	1	1		
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.